



MATERIAL FACT SHEET

252374 LM-H3P3A-12P-CSS0

General Data

Product Hierarchy	IAK30214
	SERVO and Motion
	LM
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	C (Non-Stock Material / Make-to-Order)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_I/A/EUR/en/p/000000000000252374

FA-Servo-Motion: Linear Servo Motor

Series	MELSERVO-J4
Series (2)	MELSERVO-J5
Series (3)	MELSERVO-JET
Type	LM-H3
Rated Current (A)	1,7
Protection Class	IP00
Maximum Speed (m/s)	3
Side	PRIMARY
Power supply capacity (kVA)	0,9
Cooling method	NATURAL
Length (mm)	128
Rated thrust (N)	120
Maximum thrust (N)	300
Magnetic attraction force (N)	1100
Maximum current (A)	5

Product Dimensions & Weight

Width (mm)	65
Height (mm)	32
Depth (mm)	128
Weight (kg)	1,3

Logistic Dimensions & Gross Weight

Length (cm)	53,0
Width (cm)	23,0
Height (cm)	10,0
Gross Weight (kg)	2,220
Volume (cdm)	12,190

Stock Data

Planned Delivery Time (Days)	100
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Life Cycle

Sales Start	02.08.2012
Predecessor	213321 / LM-H2P2A-12M-1SS0

Additional Product Information

Battery included	NO
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Export Data

Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

REACH Limit Exceeded	NO
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Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

CE	COMPLIANT
EAC	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=LM-H3P3A-12P-CSS0&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=LM-H3P3A-12P-CSS0&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=LM-H3P3A-12P-CSS0&doc-lang=en

Product Packaging

Cardboard (g)	248
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	40
Wood (g)	0
Glass (g)	0
Others (g)	0

Compatible products

Material	Description / Price List Text / Classification
161559	MR-EKCBL20M-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 20m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161560	MR-EKCBL30M-H Encoder cable; for HF-KE,-KN,-KP,-MP, HG-KR,-MR, high-flex 30m (motor shaft) Class 100100508: FA-Servo-Motion: Cable
161572	MR-ECNM Encoder-connector-set for HF-KE,-KN,-KP,-MP, HG-KN,-KR,-MR motor types Class 100100509: FA-Servo-Motion: Connector
192174	MR-J3CN2 Encoder-connector-set (for CN2L) Class 100100509: FA-Servo-Motion: Connector
227110	MR-J3THMCN2 Connector set for thermistor and linear encoder Class 100100509: FA-Servo-Motion: Connector
229788	MR-EKCBL50M-H Encoder cable; for HF-KP(B)/HF-MP(B), high-flex 50m (lead out motor shaft), IP20 Class 100100508: FA-Servo-Motion: Cable
246915	MR-EKCBL5M-H Encoder cable; high-flex, 5m, IP20 Class 100100508: FA-Servo-Motion: Cable
252386	LM-H3S30-288-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 288mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
252387	LM-H3S30-384-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 384mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
252388	LM-H3S30-480-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 480mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
252389	LM-H3S30-768-CSS0 Linearmotor LM-H3 Serie (Magnet) for LM-H3P3; length 768mm Class 100100512: FA-Servo-Motion: Linear Servo Motor
269075	MR-EKCBL40M-H Class 100100508: FA-Servo-Motion: Cable
274005	MR-J4THCBL03M Juction Cable for MR-J4 with linear servo motor Class 100100508: FA-Servo-Motion: Cable

Material	Description / Price List Text / Classification
482030	MR-EKCBL2M-H Encoder cable; Highflexible; 2 m; IP20; Class 100100508: FA-Servo-Motion: Cable